Attorney Docket No.: 019717-002100US

Client Reference No.: BP 1817

CURRENT-CONTROLLED CMOS WIDEBAND DATA AMPLIFIER CIRCUITS

ABSTRACT OF THE DISCLOSURE

Expansion of the bandwidth of a wideband CMOS data amplifier is

accomplished using various combinations of shunt peaking, series peaking, and miller capacitance cancellation. These various combinations are employed in any of the amplifier input stage, in intermediate stages, or in the last stage.

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